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**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listing of the claims in the application:

**LISTING OF THE CLAIMS:**

Claim 1. (amended) A fiber bundle comprising a plurality of fibers attached to each other in a fixed position with respect to each other wherein the fibers have different agents of interest immobilized in or on substantially a length of each different fibers.

Claim 2. (original) The fiber bundle according to claim 1 comprising at least 100 different fibers.

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Claim 3. (original) The fiber bundle according to claim 1 wherein the agent of interest is selected from the group consisting of a microorganism, ligand, antibody, antigen, nucleic acid, polysaccharide, receptor, plant or animal cells, organelles and fractions thereof.

Claim 4. (original) The fiber bundle according to claim 1 further comprising a plurality of solid phases immobilizing said agents of interest wherein said solid phase is immobilized in or on the fibers.

Claim 5. (original) The fiber bundle according to claim 4 wherein said solid phases are particles or thread-like structures embedded in the fibers.

Claim 6. (original) The fiber bundle according to claim 1 wherein all or most of the fibers contain a different immobilized agent of interest.

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Claim 7. (original) The fiber bundle according to claim 1 wherein at least one of the fibers contains a dye.

Claim 8. (original) The fiber bundle according to claim 1 wherein different fibers contain different concentrations of the agent of interest.

Claim 9. (original) The fiber bundle according to claim 1 wherein each fiber contains no more than one immobilized agent of interest.

Claims 10 to 40 (canceled).

Claims 41-45 (canceled).

Claim 46. (withdrawn and amended) A fibrous structure comprising;

at least two elongated fibers ~~[[of claim 44]]~~ having a agent of interest immobilized thereon or therein such that a detectable number of a single agent of interest are present in each millimeter of fiber length, said fibers being fixed in parallel juxtaposition to each other, and

at least two agents of interest being immobilized in or on the fibers, wherein each fiber contains a different agent of interest.

Claim 47. (withdrawn) The fibrous structure of claim 46 wherein each of said at least two fibers contains one but not the other agent of interest.

Claim 48 (withdrawn). The fibrous structure of claim 46 wherein at least 10 different fibers are present.

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Claim 49. (withdrawn) The fibrous structure of claim 48 wherein each fiber contains only one agent of interest, being substantially free of other agents of interest.

Claim 50. (withdrawn) The fibrous structure of claim 46 wherein each fiber contains a mixture of plural agents of interest and each fiber contains a different mixture of plural different agents of interest.

Claim 51. (new) The fiber bundle of claim 1 wherein a cross section of the bundle contains at least about 500 fibers per square centimeter.

Claim 52. (new) The fiber bundle of claim 1 wherein the fibers are hollow and said agents of interest are immobilized on the inside of hollow fibers.

Claim 53. (new) A cross-section of the fibrous structure of claim 46 containing a detectable number of the agent of interest from each fiber.

Claim 54. (new) A cross-section of the fiber bundle of claim 1 containing a detectable number of the agent of interest from each fiber.

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